

ABSTRACT

5 A sensor apparatus and method are disclosed herein, including a
sensor element located on a base and a cover located proximate to the
base. The cover generally includes a sensor diaphragm and a dimple that
can form a part of the cover. A flanged area or flanged portion can also be
connected to the bottom portion of the cover. The flanged area provides a
surface for contacting a fixture to which the sensor apparatus attaches and
10 holding the sensor apparatus to the fixture in a manner which prevents the
sensor diaphragm from contacting the fixture and inducing errors during
sensor operations thereof. The cover also can include a flanged or brim-
shaped portion which is connected to and surrounds the bottom portion of
the cover. The flanged portion can be positioned parallel to the sensor
15 diaphragm.